

(19) United States

(12) Patent Application Publication (10) Pub. No.: US 2018/0339672 A1 Kubiak et al.

Nov. 29, 2018 (43) **Pub. Date:**

(54) SYSTEMS FOR RIDE VEHICLE RESTRAINT

(71) Applicant: Universal City Studios LLC, Universal City, CA (US)

(72) Inventors: Gerald Christopher Kubiak,

Huntington Beach, CA (US); James Jeffrey Coatney, Los Angeles, CA (US)

(21) Appl. No.: 15/812,910

(22) Filed: Nov. 14, 2017

Related U.S. Application Data

(60) Provisional application No. 62/510,850, filed on May 25, 2017.

Publication Classification

(51) Int. Cl. B60R 21/055 (2006.01)B60R 11/02 (2006.01)A63G 7/00 (2006.01)

U.S. Cl. CPC B60R 21/055 (2013.01); B60R 11/0235 (2013.01); B60R 2021/0097 (2013.01); A63G 7/00 (2013.01); B60R 11/0241 (2013.01)

(57)ABSTRACT

A system includes a first cummerbund that includes a slot. Furthermore, the system includes a lap bar that couples to first and second pivot points and rotates in a first circumferential direction about the first and second pivot points. The lap bar extends through the slot of the first cummerbund such that the first cummerbund translates in a first lateral direction relative to the lap bar to adjust a position of the lap bar within the slot.

